

ATTORNEY DOCKET
016295.1659
(DC-06524)

PATENT APPLICATION



16310 U.S.PTO
042004

**APPLICATION FOR U.S. PATENT UNDER 37 C.F.R. 1.53(b)
TRANSMITTAL FORM**

Mail Stop Patent Applications
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL NO. EV 3523888875 US

17548 U.S.PTO
10/828449



Sir:

Transmitted herewith for filing is the patent application of:

Inventors: **Jinsaku Masuyama and Rajen Murugan**

Assignee: **Dell Products L.P., Round Rock, Texas**

Title: ***Method, System and Apparatus for Controlled Impedance at Transitional Plated-Through Hole Via Sites Using Barrel Inductance Minimization***

Enclosed are:

- Specification w/Cover Sheet (23 Pages)
- Drawings (2 Sheets Formal)
- Signed combined Declaration and Power of Attorney (3 pages)
- Assignment of the invention to **Dell Products L.P.**; Assignment Recordation Form Coversheet in compliance with 37 C.F.R. §§ 3.28 and 3.31; recordation fee of \$40.00 pursuant to 37 C.F.R. § 1.21(h). (4 pages)
- Information Disclosure Statement and PTO Form 1449 (3 pages)
- Check in the amount of \$770.00
- Certificate of Mailing (1 page)
- Return Receipt Postcard

Applicant is a large Entity.

FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee
					\$770.00
Total Claims	20	-20 =	1	1 X \$18 =	\$18.00
Independent Claims	3	-3 =	0	0 X \$86 =	0
				TOTAL FILING FEE =	\$770.00

Enclosed is a check in the amount of \$770.00 to satisfy filing fee requirements under 37 C.F.R. § 1.16. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-0383 of BAKER BOTTS L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.
Attorneys for Applicants


Brian A. Dietzel
Reg. No. 44,656

Date: April 20, 2004

Correspondence Address:

Customer Number **23640**

512.322.2674
512.322.8307 (Fax)

16370 BAKER BOTTS LLP

FEE TRANSMITTAL for FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**810**

Complete if Known

Application Number	
Filing Date	April 20, 2004
First Named Inventor	Jinsaku Masuyama
Examiner Name	
Art Unit	
Attorney Docket No.	016295.1659

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	02-0383
Deposit Account Name	Baker Botts LLP

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee required under 37CFR 1.16 and 1.17
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 375	Utility filing fee	770
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$)	770

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
20	3		20 - 3 = 17	18 X 0 = 0	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)
** or number previously paid, if greater; For Reissues, see above		0

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)**

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Brian A. Dietzel	Registration No. (Attorney/Agent)	44,656	Telephone	512.322.2674
Signature			Date	02.20.2004	

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: **Jinsaku Masuyama and Rajen Murugan**

Filing Date: **April 20, 2004**

Assignee: **Dell Products L.P., Round Rock, Texas**

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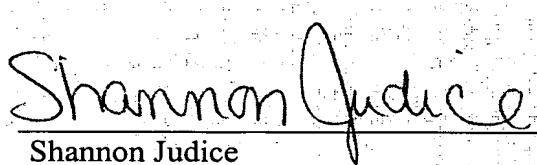
Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the attached Patent Application Transmittal, Patent Application, Formal Drawings, Information Disclosure Statement, PTO Form 1449, Assignment, Recordation Form Coversheet and check in the amount of \$40.00, Declaration and Power of Attorney, check in the amount of \$770.00, and postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on this 20th day of April, 2004, and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Shannon Justice

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No. EV352388875US
Attorney Docket:
016295.1659
(DC-06524)